

# Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **24 270 - 04 HH**

Company **Exide Technologies GmbH  
Im Thiergarten  
63654 Büdingen, GERMANY**

Product Description **Valve Regulated Lead Acid accumulators (VRLA), systems "Sonnenschein SOLAR", "Sonnenschein SOLAR BLOCK", "Sonnenschein A 600 SOLAR"**

Type **SOLAR S12/6,6 S up to S12/230 A; SOLAR BLOCK SB 12/60 A up to SB 6/330 A; A 602/295 SOLAR up to A602/3920 SOLAR**

Environmental Category **B**

Technical Data / Range of Application **Sealed, maintenance-free accumulator cells (2V) and block batteries (6V/12V) with Gel-electrolyte, designed for forced cycle operation. The accumulator cells/ block batteries can be combined to batteries with the desired voltage.**

For charging conditions manufacturer's instruction shall be considered.

**Types:**

**SOLAR S12/6,6 S; S12/17 G5; S12/27 G5; S12/32 G6; S12/41 A; S12/60 A; S12/85 A; S12/90 A; S12/130 A; S12/230 A.**

**SOLAR BLOCK SB 12/60 A; SB 12/75 A; SB12/100 A; SB 12/130 A; SB 12/185 A; SB6/200 A; SB6/330 A**

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Test Standard **GL Rules VI-7-2 Guidelines for the Performance of Type Tests (2003), IEC 60 896 - 21/22 (2004), IEC 61 427 (2005)**

Documents **Technical Data "Sonnenschein\_SOLAR\_NXSSOTEPDF00112", Test Protocols and records acc. to GL File 2427004**

Remarks **None**

Valid until **2017-03-19**

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File No. **I.M.01**

**Hamburg, 2012-03-20**

Type Approval Symbol



**Germanischer Lloyd**

  
Christoph Kutzner

  
Maik Gagern

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A602/295 SOLAR, A602/370 Solar, A602/440 SOLAR, A602/520 Solar, A602/625 SOLAR, A602/750 SOLAR, A602/850 SOLAR, A602/1130 SOLAR, A602/1415 SOLAR, A602/1695 SOLAR, A602/1960C SOLAR, A602/2600 SOLAR, A602/3270 SOLAR, A602/3920 SOLAR

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**Germanischer Lloyd**

*Christoph Kutzner*  
Christoph Kutzner

*Maik Gagern*  
Maik Gagern

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".